

Parameter	Unit	Value
Temperature	°C	25.0
Pressure	atm	1.0
Flow rate	L/min	1.0
Wavelength	nm	254
Scan rate	nm/min	20
Resolution	nm	2
Integration time	s	10
Baseline	nm	260
Peak width	nm	5
Peak height	nm	10
Peak area	nm	100
Peak volume	nm	1000
Peak mass	nm	10000
Peak charge	nm	100000
Peak energy	nm	1000000
Peak momentum	nm	10000000
Peak spin	nm	100000000
Peak parity	nm	1000000000
Peak phase	nm	10000000000
Peak frequency	nm	100000000000
Peak wavelength	nm	1000000000000
Peak velocity	nm	10000000000000
Peak acceleration	nm	100000000000000
Peak deceleration	nm	1000000000000000
Peak jerk	nm	10000000000000000
Peak snap	nm	100000000000000000
Peak crackle	nm	1000000000000000000
Peak pop	nm	10000000000000000000
Peak bang	nm	100000000000000000000
Peak boom	nm	1000000000000000000000
Peak crash	nm	10000000000000000000000
Peak burn	nm	100000000000000000000000
Peak explode	nm	1000000000000000000000000
Peak implode	nm	10000000000000000000000000
Peak explode	nm	100000000000000000000000000
Peak implode	nm	1000000000000000000000000000
Peak explode	nm	10000000000000000000000000000
Peak implode	nm	100000000000000000000000000000
Peak explode	nm	1000000000000000000000000000000
Peak implode	nm	10000000000000000000000000000000
Peak explode	nm	100000000000000000000000000000000
Peak implode	nm	1000000000000000000000000000000000
Peak explode	nm	10000000000000000000000000000000000
Peak implode	nm	100000000000000000000000000000000000
Peak explode	nm	1000000000000000000000000000000000000
Peak implode	nm	10000000000000000000000000000000000000
Peak explode	nm	100000000000000000000000000000000000000
Peak implode	nm	1000000000000000000000000000000000000000
Peak explode	nm	100
Peak implode	nm	1000
Peak explode	nm	100
Peak implode	nm	1000
Peak explode	nm	100
Peak implode	nm	1000
Peak explode	nm	100
Peak implode	nm	1000
Peak explode	nm	100
Peak implode	nm	1000
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Peak explode	nm	100
Peak implode	nm	1000
Peak explode	nm	100
Peak implode	nm	1000
Peak explode	nm	100
Peak implode	nm	1000
Peak explode	nm	100
Peak implode	nm	1000
Peak explode	nm	100
Peak implode	nm	100000

As a below inventor, I hereby declare that:

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

the specification and claims of which

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed:

(Number)	(Country)	(Filing Date)
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Prior Provisional U.S. Patent Application(s):

(Application Serial No.)	(Filing Date)
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Prior U.S. Patent Application(s):

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Mark E Bandy,	Reg No 35,788	Brian G Bembene	Reg No 41,463	Ronald F Chapuran,	Reg No 26,402
John P Cornely,	Reg No 41,687	David B Cupar	Reg No 47,510	Mark Costello,	Reg No 31,342
Joseph D Dreher,	Reg No 37,123	Matthew P Dugan,	Reg No 44,663	Richard B Domingo,	Reg No 36,784
Christopher B Fagan,	Reg No 22,987	Patrick D Floyd,	Reg No 39,671	Kevin R Kepner,	Reg No 32,145
Jude A Fry,	Reg No 38,340	Steven M Haas	Reg No 37,841	Eugene O Palazzo,	Reg No 20,881
Michael E Hudzinski,	Reg No 34,185	Edward T Kennedy	Reg No P-48,478	Don L Webber	Reg No 34,275
Richard M Klein,	Reg No 33,000	Thomas E Kocovsky, Jr.	Reg No 28,383	Xerox Case Atty.,	Reg. No. ATTYREG
Sandra M Koenig,	Reg No 33,722	Scott A McCollister,	Reg No 33,961		
James W McKee,	Reg No 26,482	Richard J Minnich	Reg No 24,175		
Jay F Moldovanyi,	Reg No 29,678	Philip J Moy,	Reg No 31,280		
Timothy E Nauman,	Reg No 32,283	Eric J Overberger	Reg No P-48,556		
Scott C Rand,	Reg No 40,359	Patrick R Roche	Reg No 29,580		
James E Scarbrough,	Reg No 47,056	Ann M Skerry	Reg No 45,655		
Mark S Svat,	Reg No 34,261	Jason A Worgull,	Reg No 48,044		

## SEND CORRESPONDENCE TO:

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Fay, Sharpe, Fagan,  
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Cleveland, OH 44114-2518

## DIRECT TELEPHONE CALLS TO:

(name and telephone number)

Mark S. Svat  
(216) 861-5582

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first joint inventor: PRABHAKAR, Salil

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 121 James Avenue, Redwood City, California 94063

Country of Citizenship: India

Post Office Address: 121 James Avenue  
Redwood City, California 94063

Full name of second joint inventor: BALA, Raja

Inventor's Signature: R BalaDate: 9/27/01

Residence: 1050 East High Vista Trail, Webster, New York 14580

Country of Citizenship: U.S.A.

Post Office Address: 1050 East High Vista Trail  
Webster, New York 14580

Full name of third joint inventor: CHENG, Hui

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 80 Shields Lane, Bridgewater, New Jersey 08807

Country of Citizenship: China

Post Office Address: 80 Shields Lane, Bridgewater  
New Jersey 08807

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Full name of fourth joint inventor: HANDLEY, John C.

Inventor's Signature: John C. Handley

Date: 9/27/2001

Residence: 68 Roselawn Avenue, Fairport, New York 14450

Country of Citizenship: U.S.A.

Post Office Address: 68 Roselawn Avenue  
Fairport, New York 14450

Full name of fifth joint inventor: LIN, Ying-wei

Inventor's Signature: Ying-wei Lin

Date: 9/27/01

Residence: 119 Hillrise Drive, Penfield, New York 14526

Country of Citizenship: U.S.A.

Post Office Address: 119 Hillrise Drive  
Penfield, New York 14526

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**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

Docket No. D/A1093  
XER 2 0433

As a below inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DETECTION AND SEGMENTATION OF SWEEPS IN COLOR GRAPHICS IMAGES**

the specification and claims of which

  x   are attached hereto                             OR was filed on  
Application Serial No.  
and was amended on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

<u>                    </u>	<u>                    </u>	<u>                    </u>
(Number)	(Country)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Prior Provisional U.S. Patent Application(s):

<u>                    </u>	<u>                    </u>
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under Title 35, United States, Section 120 of any United States application(s) or any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information which is material to patentability as defined in Title 37, of Federal Regulations Code, Section 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Patent Application(s):

(Application Serial No.)

(Filing Date)

(Status)

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Michael B. Hudzinski,	Reg. No. 34,185	Edward T. Kennedy	Reg. No. P-48,478	Don L. Webster,	Reg. No. 34,273
Richard M. Klein,	Reg. No. 33,000	Thomas E. Kocovsky, Jr.,	Reg. No. 28,383	Xerox Case Atty.,	Reg. No. ATTYREG
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Jay F. Moldovanyi,	Reg. No. 29,678	Philip J. Moy,	Reg. No. 31,280		
Timothy E. Nauman,	Reg. No. 32,283	Eric J. Overberger,	Reg. No. P-48,556		
Scott C. Rand,	Reg. No. 40,359	Patrick R. Rochis,	Reg. No. 29,380		
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Full name of sole or first joint inventor: PRABHAKAR, Salil

Inventor's Signature: Salil Prabhakar Date: 09/27/01

Residence: 121 James Avenue, Redwood City, California 94063

Country of Citizenship: India

Post Office Address: 121 James Avenue  
Redwood City, California 94063

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 Residence: 80 Shields Lane, Bridgewater, New Jersey 08807  
 Country of Citizenship: China  
 Post Office Address: 80 Shields Lane, Bridgewater  
 New Jersey 08807

Full name of fourth joint inventor: **HANDLEY, John C.**  
 Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Residence: **68 Roselawn Avenue, Fairport, New York 14450**  
 Country of Citizenship: **U.S.A.**  
 Post Office Address: **68 Roselawn Avenue**  
**Fairport, New York 14450**

Full name of fifth joint inventor: LIN, Ying-wei  
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 119 Hillrise Drive, Penfield, New York 14526  
Country of Citizenship: U.S.A.  
Post Office Address: 119 Hillrise Drive  
Penfield, New York 14526

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## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

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# DETECTION AND SEGMENTATION OF SWEEPS IN COLOR GRAPHICS IMAGES

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Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Country of Citizenship: India

Post Office Address: 1050 East High Vista Trail  
Webster, New York 14580

Full name of third joint inventor: CHENG, Hui

Inventor's Signature:  Date: 9/26/01

Residence: 80 Shields Lane, Bridgewater, New Jersey 08807

Country of Citizenship: China

Post Office Address: 80 Shields Lane, Bridgewater  
New Jersey 08807

Full name of fourth joint inventor: HANDLEY, John C.



Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 68 Roselawn Avenue, Fairport, New York 14450

Country of Citizenship: U.S.A.

Post Office Address: 68 Roselawn Avenue  
Fairport, New York 14450

Full name of fifth joint inventor: LIN, Ying-wei

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: 119 Hillrise Drive, Penfield, New York 14526

Country of Citizenship: U.S.A.

Post Office Address: 119 Hillrise Drive  
Penfield, New York 14526

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